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(54) Title: TAGGED SCALE INHIBITING POLYMERS, COMPOSITIONS COMPRISING THE SAME, AND METHOD FOR PREVENTING OR CONTROLLING SCALE FORMATION

(57) Abstract: The invention relates to tagged scale-inhibiting polymers, to compositions comprising said polymers, and to a method for preventing or controlling scale formation in systems comprising said fluids. The tagging units are units deriving from a monomer having formula $X_2C=CYY'$, wherein X, which is identical or different, is a hydrogen atom, or a C₁-C₄ alkyl group, Y is a hydrogen atom or a C₁-C₄ alkyl group, Y' is a group having formula -L-Arom, wherein L is a covalent bound or a divalent organic linking group optionally comprising heteroatoms, and Arom is a group comprising at least two conjugated aromatic rings, preferably at least three, said rings comprising conjugated carbon atoms, and, linked to said carbon atoms, hydrogen atoms or substituents.